

TEST REPORT

MATERIAL : NBR 90 DURO INCLUDE 45.7% POLYMER COMPOUND NO. : N9003B

A) PHYSICAL PROPERTIES

PRESS CURE@170 DEGREE C X 10 MIN

POST CURE@120 DEGREE C X 1HR

	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A 硬度	90+/-5	94
TENSILE, STRENGTH ,MPa ,min 拉力强度	10	17.7
ELONGATION, %,min 延伸率	100	135
SPECIFIC GRAVITY 比重		1.374

B) COMPRESSION SET 压缩永久变形试验

CURING CONDITIONS

PRESS CURE@170 DEGREE C X 12 MIN

POST CURE@120 DEGREE C X 1HR

HEAT AGING@100 DEGREE C X 22HRS.%,max	25	9
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C) HEAT RESISTANCE @100°C X 70HRS 老化试验

HARDNESS CHANGE, POINTS 硬度变化	+/-15	+1
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-20	-2
ELONGATION CHANGE, % 延伸率变化率	-40	-16

D) ASTM NO.1 OIL IMMERSION @100°C X 70HRS 耐 1#油 试验

HARDNESS CHANGE , POINTS 硬度变化	-5~+15	+1
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-25	-9
ELONGATION CHANGE, % 延伸率变化率	-45	-16
VOLUME CHANGE % 体积变化率	-10~+5	-2

E) ASTM NO.3 OIL IMMERSION @100°C X 70HRS

HARDNESS CHANGE , POINTS 硬度变化	0~20	-1
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-45	-14
ELONGATION CHANGE, % 延伸率变化率	-45	-21
VOLUME CHANGE, % 体积变化率	0~+35	+3

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
 THIS COMPOUND N9003B CAN MEET ASTM D2000 M6BG910 A14 B14 EO14 EO34

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